

Title (en)

Key for lock cylinder, especially of lock systems.

Title (de)

Schlüssel für Schliesszylinder, insbesondere von Schliessanlagen.

Title (fr)

Clé pour cylindre de fermeture, notamment pour système de verrouillage.

Publication

**EP 0436496 B1 19950503 (DE)**

Application

**EP 91100130 A 19910103**

Priority

DE 4000179 A 19900105

Abstract (en)

[origin: EP0436496A1] Keys for lock cylinders containing a rotatably adjustable cylinder core having a key channel opening out freely on its circumferential surface, especially of lock systems, are equipped with a profile region (2), which faces the key spine (1) extending flush with the cylinder-core circumferential surface in the key-insertion position and which is to be provided laterally with longitudinal profiled grooves (3, 3'), and with an incision region (5) which faces the opposite key breast (4) having the key stop (4') and which is to be provided with milled cuts, countersinks or such like incisions (6) for the allocation of the tumbler elements present in the lock cylinder. <??>To improve the key in terms of stability in its incision region (5) and also with a view to an even larger number of possibilities for accommodating its incisions (6), whilst at the same time preserving its profile region (2) allowing variable profiled grooves to be formed, the incision region (5) has an essentially circular-cylindrical shape and is made wider than the profile region (2) of the key. Advantageously, at the same time, the height (H) of the profile region (2) exceeds that (h) of the incision region (5), as seen in the radial direction. <IMAGE>

IPC 1-7

**E05B 27/00**; **E05B 19/00**

IPC 8 full level

**E05B 19/00** (2006.01); **E05B 19/02** (2006.01); **E05B 19/06** (2006.01); **E05B 19/08** (2006.01); **E05B 27/00** (2006.01); **E05B 27/06** (2006.01); **E05B 35/00** (2006.01)

CPC (source: EP US)

**E05B 19/0029** (2013.01 - EP US); **E05B 35/003** (2013.01 - EP US); **Y10T 70/7819** (2015.04 - EP US); **Y10T 70/7847** (2015.04 - EP US); **Y10T 70/787** (2015.04 - EP US); **Y10T 70/7881** (2015.04 - EP US)

Cited by

CH710950A1; EP1063372A3; EP0633373A1; CN104033018A; FR2704893A1; DE4336476A1; EP0651117A1; EP0605932A3; US5520035A; US5784910A; US5839308A; TR28890A; WO2016161530A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0436496 A1 19910710**; **EP 0436496 B1 19950503**; AT E122123 T1 19950515; DE 4000179 A1 19910711; DE 59105340 D1 19950608; ES 2071840 T3 19950701; JP H0598856 A 19930420; PT 96417 A 19920930; PT 96417 B 19980630; US 5131249 A 19920721

DOCDB simple family (application)

**EP 91100130 A 19910103**; AT 91100130 T 19910103; DE 4000179 A 19900105; DE 59105340 T 19910103; ES 91100130 T 19910103; JP 40651890 A 19901226; PT 9641791 A 19910103; US 63101290 A 19901219